

Aschiphasmatae, Heteropteryginae and Lonchodinae in the Forestry Research Centre, Sepilok, Sabah

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Abstract

All the specimens of Aschiphasmatae, Heteropteryginae and Lonchodinae in the collection of the Forest Research Centre, Sepilok, Sabah (FRCS) are recorded. A number of these represent new localities for the species concerned.

Key words

Phasmida, Aschiphasmatae, Heteropteryginae, Lonchodinae, distribution data, Forestry Research Centre, Sabah, Borneo.

Introduction

In August 2001 the data for all specimens of Aschiphasmatae, Heteropteryginae and Lonchodinae present in the collection of the Forest Research Centre, Sepilok, Sabah (FRCS) was recorded. A few of these specimens have already been recorded (Bragg, 2001), however, many are new localities for these species.

The collection is composed mainly of material collected shortly after the FRCS was opened, with some subsequent additions and with some older material transferred from elsewhere. There is no policy of continual collection of phasmids. The collection was largely unidentified prior to our visit. We identified material, recorded the data and rearranged the collection.

Species are listed alphabetically within each family or subfamily. Locality data on the specimens varies in format with both English and Malay being used e.g. the abbreviations F.R and H.S. (Hutan Simpan) are both used for Forest Reserve. In cases where both languages have been used for one locality, only the English has been used in the list below. At Sepilok the Arboretum is in the area of the Rainforest Interpretation Centre (R.I.C.). All localities are in Sabah unless otherwise indicated. All dates have been standardised to day.month.year or month.year format with the month in Roman numerals, e.g. Dis 1992 becomes xii.1992. Where specimens are nymphs they are indicated by ♀_n for a female nymph, ♂_n for a male nymph and n for a nymph for which we did not determine the sex; in two cases we omitted to record the sex of specimens. The collectors name(s) have been standardised where they appear in different forms on labels but are known to us, e.g. all instances of Chan are known to be C.L. Chan and are shown as such on the list below.

Material examined

A) Heteropteryginae

Aretaon asperrimus (Redtenbacher, 1906)

Mile 51, Lungmanis. ♂ F.E. Staff, 15-18.x.1968.

Telupid, Tawai F.R. 2♂♂, 2♀♀, Entomology Staff, 1-13.ix.1994; ♂, ♀, 2n, Entomology Staff, vi-vii.1994.

Dares verrucosus Redtenbacher, 1906

Sepilok Laut. ♀ Entomology Staff, ix.1992; 10♀♀, 12♂♂ Entomology Staff, iii.1994.

Sepilok F.R. ♀, ♂, S. Lantoh, 10.xi.1992.

Sepilok R.I.C. 2♂♂, M.L.T. Bushell, 8.viii.2001.

Ranau, Km 8, Mamut. 2♀♀, 4♂♂, 20.iv.2000.

Telupid, Tawai F.R. ♀ Entomology Staff, vi-vii.1994; ♀ Entomology Staff, 1-13.ix.1994.

Sukau. 3♂♂, C. Prudente, 18.iv.1994.

Datames borneensis sepilokensis Bragg, 1998

Telupid, Tawai Forest Reserve. ♂ Entomology Staff, vi-vii.1994.

Haaniella echinata (Redtenbacher, 1906)

Sepilok Laut. 2♂n, 2♀n, ♂, xii.1992; 3♀n Entomology Staff, iii.1994.

Sepilok. ♀ Jsmail, 22.ii.1972; ♂ ♀n, ♂n, Seow-Choen, C.L. Chan & Arthur Chung; ♀ S. Lantoh, xi.1989; ♀n S. Lantoh, 11.xi.1992.

Sepilok Arboretum. n Matth Allai, 8.iv.1994; ♀ Marcus Gubili, 15.vii.1997.

Ranau, Km 8 Mamut. ♀n, ♂, 20.iv.2000.

Ranau Marakau. ♀n, Entomology Staff, i.1994.

Poring. (sex not recorded) C.L. Chan, 31.vii.1990.

Tawai F.R. ♂, 2♀♀, ♀n, Entomology Staff, 1-13.ix.1994; ♂, ♀, ♀n, Entomology Staff, vi-vii.1994.

Kalumpang, Lahad district. ♀ Ladzim, 22.vii.1970.

Penampang, Sugud. ♂n Momm & John, xi.2000.

No Data. ♂, 2♀♀, ♀n.

Haaniella scabra (Redtenbacher, 1906)

Kinabalu National Park. ♀n, Seow-Choen & C.L. Chan, 16.iv.1993.

Heteropteryx dilatata (Parkinson, 1798)

WEST MALAYSIA, Tapah Hills. ♀ F. Seow-Choen, iv.1995.

B) Aschiphasmatidae

Dajaca filiformis Bragg, 1992

Telupid, Tawai F.R. 2♀♀ Entomology Staff, vi-vii.1994.

Orthomeria alexis (Westwood, 1859)

Ranau, Marakau. ♀, ♂, Entomology Staff, i.1994.

Presbistus appendiculatus Bragg, 2001

Sandakan district, Tanjung Kuang, Kuamet. ♀ Paratype, F.R. Majauim, 28.vii.1967.

Presbistus moharii Bragg, 2001

Lamag. ♀, M.P. Udarby, ix.1967.

C) Lonchodinae

Carausius cristatus Brunner, 1907

Kinabalu National Park, Silau-Silau trail. ♀, C.L. Chan, 13.vii.1990; ♂, C.L. Chan & Poon, 26.ix.1992.

Carausius chani (Hausleithner, 1991)

Mile 14 (Sepilok area). ♂, Mustafa, 10.i.1978.

Sandakan, Kolapis A. ♂ Entomology Staff, 13.vi.1994.

Lonchodes brevipes Gray, 1835

SINGAPORE. ♀, F. Seow-Choen, iv.1994.

SINGAPORE, captive-reared. 2♂♂, F. Seow-Choen, iii.1995.

Lonchodes everetti (Kirby, 1896)

Beramayot F.R. ♀, Robert C. Ong, vi.1996.

Telupid, Tawai F.R. ♀, ♂, Entomology Staff, vi-vii.1994; ♀, ♀n, Entomology Staff, 1-13.ix.1994.

Lonchodes harmani Bragg & Chan, 1993

Kinabalu National Park, Silau-Silau trail. ♂ paratype, ♀ paratype, C.L. Chan, 14.ix.1991.

Lonchodes hosei herberti Bragg, 2001

Sepilok F.R. ♂, ♂n, n, Entomology Staff, iii.1994; 4♂♂, C.L. Chan & Arthur Chung, 16.vi.1994; ♂, C.L. Chan, Arthur Chung & F. Seow-Choen, 16.iv.1994.

Telupid, Tawai F.R. 3♂♂, 2♀n, Entomology Staff, 1-13.ix.1994.

Ranau, Marakam. ♂, ♀n, Entomology Staff, i.1994.

Gunung Lotong, ♂, Entomology Staff, 18.iv.1988.

BRUNEI, Sungai Liang. ♂, F. Seow-Choen & C.L. Chan, v.1994.

Lonchodes imitator (Brunner, 1907)

Telupid, Tawai F.R. ♂, ♀n, n, Entomology Staff, vi-vii.1994; ♀n, Entomology Staff, 1-13.ix.1994.

Sepilok. ♀, Matth Allai, 23.ix.1994.

Sepilok F.R. ♂ Entomology Staff, iii.1994.

Sepilok F.R.C. ♂, M. Anzai, 24.v.1989.

Sepilok Laut. ♂, ♀, Entomology Staff, xii.1992.

Sepilok area. ♂, Entomology Staff, 1.iv.1978.

Sepilok compound. (sex not recorded), 7.viii.1978.

P.P.P. Sepilok. ♂, Matth. Allai, 5.ii.1994

Ranau, Poring. ♀, 10.iv.1978.

Ranau, Mile 59, Hot Spring. ♂, Talib, 17vi.1969.

Ranau, Marakam. 2♂♂, Entomology Staff, i.1994.

Mile 47, Lungmanis. ♂, F.E., 27.viii.1968.

Mile 49, Lungmanis. ♂, F.E., 27.viii.1968.

Tenom, Kallang waterfall. ♀, 2♂♂, C.L. Chan & Poon, 12.ix.1992.

Captive reared from Sabah stock. ♀, F. Seow-Choen, ii.1993.

Lonchodes malleti Bragg, 2001

Mostyn. ♀, captive reared by P.E. Bragg, 2001.

Lonchodes megabeast Bragg, 2001

SARAWAK, Mt Serapi. 2n, Seow-Choen, i.1996.

Lonchodes modestus (Brunner, 1907)

Sepilok Laut. 2♂♂, Entomology Staff, xii.1992; ♂ Entomology Staff, iii.1994.

No Data. ♂n.

Lonchodes thami Bragg, 2001

Telupid, Tawai F.R. ♂ Entomology Staff, vi-vii.1994.

Phenacephorus auriculatus (Brunner, 1907)

Telupid, Tawai F.R. 2♂♂, Entomology Staff, vi-vii.1994.
Ranau, Marakam. ♀, Entomology Staff, vi.1994.

Phenacephorus parahaematomus Bragg, 1995

Telupid, Tawai F.R. 2♂♂, Entomology Staff, vi-vii.1994.

Phenacephorus sepilokensis Bragg, 1994

Sepilok F.R. 3 eggs paratypes, laid by paratype ♀, P.E. Bragg, 1993.
Telupid, Tawai F.R. ♀ Entomology Staff, vi-vii.1994.

Phenacephorus sp. (either *P. cornucervi* or *P. sepilokensis*)

Mile 47, Lungmanis. n, F.E., 24.ii.1967.
Kolapis A. n, M. Anzai, 26.iv.1989.

Prisomera tuberculata Kirby, 1904

Sepilok F.R. ♀n, Entomology Staff, iii.1994.

Importance of the collection


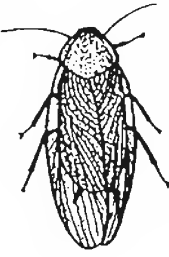
The FRCS collection is the oldest public phasmid collection in Sabah. The bulk of the work at the FRCS, and therefore the emphasis of the collection, is devoted to other orders of insects. Since there is no policy of expanding the phasmid collection, it is relatively small but still contains an interesting selection of species. The majority of specimens are from the local area while other specimens have been added during Forestry Department collecting expeditions to various Forest Reserves.

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References

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